

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 10/019470

CRF Processing Date: 1/27/2002

Edited by: _____

Verified by: [Signature] (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



PCT10

RAW SEQUENCE LISTING

DATE: 01/27/2002

PATENT APPLICATION: US/10/019,470

TIME: 19:50:01

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01272002\J019470.raw

3 <110> APPLICANT: Brett P. Monia
 4 Lex M. Cowser
 6 <120> TITLE OF INVENTION: ANTISENSE MODULATION OF LIVER GLYCOGEN PHOSPHORYLASE
 EXPRESSION
 8 <130> FILE REFERENCE: RTSP-0240
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/019,470
 C--> 10 <141> CURRENT FILING DATE: 2001-12-28
 10 <150> PRIOR APPLICATION NUMBER: US 09/357,071
 11 <151> PRIOR FILING DATE: 1999-07-19
 13 <160> NUMBER OF SEQ ID NOS: 47
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 16 <211> LENGTH: 2828
 17 <212> TYPE: DNA
 18 <213> ORGANISM: Homo sapiens
 20 <220> FEATURE:
 21 <221> NAME/KEY: CDS
 22 <222> LOCATION: (114)..(2657)
 24 <400> SEQUENCE: 1
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 27 ggcgcgactt ccagctctct gcgcagcccg ccgcgcagcc cgccgcccga gcc atg 116
 28 Met
 29 1
 31 ggc gaa ccg ctg aca gac cag gag aag cgg cgg cag atc agc atc cgc 164
 32 Gly Glu Pro Leu Thr Asp Gln Glu Lys Arg Arg Gln Ile Ser Ile Arg
 33 5 10 15
 35 ggc atc gtg ggc gtg gag aac gtg gca gag ctg aag aag agt ttc aac 212
 36 Gly Ile Val Gly Val Glu Asn Val Ala Glu Leu Lys Lys Ser Phe Asn
 37 20 25 30
 39 cgg cac ctg cac ttc acg ctg gtc aag gac cgc aac gtg gcc acc acc 260
 40 Arg His Leu His Phe Thr Leu Val Lys Asp Arg Asn Val Ala Thr Thr
 41 35 40 45
 43 cgc gac tac tac ttc gcg ctg gcg cac acg gtg cgg gac cac ctg gtg 308
 44 Arg Asp Tyr Tyr Phe Ala Leu Ala His Thr Val Arg Asp His Leu Val
 45 50 55 60 65
 47 ggg cgc tgg atc cgc acg cag cag cac tac tac gac aag tgc ccc aag 356
 48 Gly Arg Trp Ile Arg Thr Gln Gln His Tyr Tyr Asp Lys Cys Pro Lys
 49 70 75 80
 51 agg gaa tat tac ctc tct ctg gaa ttt tac atg ggc cga aca tta cag 404
 52 Arg Glu Tyr Tyr Leu Ser Leu Glu Phe Tyr Met Gly Arg Thr Leu Gln
 53 85 90 95
 55 aac acc atg atc aac ctc ggt ctg caa aat gcc tgt gat gag gcc att 452
 56 Asn Thr Met Ile Asn Leu Gly Leu Gln Asn Ala Cys Asp Glu Ala Ile
 57 100 105 110
 59 tac cag ctt gga ttg gat ata gaa gag tta gaa gaa att gaa gaa gat 500

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Input Set : A:\PTO.AMC.txt

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| 60 | Tyr | Gln | Leu | Gly | Leu | Asp | Ile | Glu | Glu | Leu | Glu | Glu | Ile | Glu | Glu | Asp | |
| 61 | | 115 | | | | | 120 | | | | 125 | | | | | | |
| 63 | gct | gga | ctt | ggc | aat | ggt | ggt | ctt | ggg | aga | ctt | gct | gcc | tgc | ttc | ttg | 548 |
| 64 | Ala | Gly | Leu | Gly | Asn | Gly | Gly | Leu | Gly | Arg | Leu | Ala | Ala | Cys | Phe | Leu | |
| 65 | 130 | | | | | 135 | | | | 140 | | | | | | 145 | |
| 67 | gat | tcc | atg | gca | acc | ctg | gga | ctt | gca | gcc | tat | gga | tac | ggc | att | cgg | 596 |
| 68 | Asp | Ser | Met | Ala | Thr | Leu | Gly | Leu | Ala | Ala | Tyr | Gly | Tyr | Gly | Ile | Arg | |
| 69 | | | | | 150 | | | | | 155 | | | | | 160 | | |
| 71 | tat | gaa | tat | ggg | att | ttc | aat | cag | aag | atc | cga | gat | gga | tgg | cag | gta | 644 |
| 72 | Tyr | Glu | Tyr | Gly | Ile | Phe | Asn | Gln | Lys | Ile | Arg | Asp | Gly | Trp | Gln | Val | |
| 73 | | | | 165 | | | | | 170 | | | | | 175 | | | |
| 75 | gaa | gaa | gca | gat | gat | tgg | ctc | aga | tat | gga | aac | cct | tgg | gag | aag | tcc | 692 |
| 76 | Glu | Glu | Ala | Asp | Asp | Trp | Leu | Arg | Tyr | Gly | Asn | Pro | Trp | Glu | Lys | Ser | |
| 77 | | | 180 | | | | | 185 | | | | | 190 | | | | |
| 79 | cgc | cca | gaa | ttc | atg | ctg | cct | gtg | cac | ttc | tat | gga | aaa | gta | gaa | cac | 740 |
| 80 | Arg | Pro | Glu | Phe | Met | Leu | Pro | Val | His | Phe | Tyr | Gly | Lys | Val | Glu | His | |
| 81 | | 195 | | | | | 200 | | | | | 205 | | | | | |
| 83 | acc | aac | acc | ggg | acc | aag | tgg | att | gac | act | caa | gtg | gtc | ctg | gct | ctg | 788 |
| 84 | Thr | Asn | Thr | Gly | Thr | Lys | Trp | Ile | Asp | Thr | Gln | Val | Val | Leu | Ala | Leu | |
| 85 | 210 | | | | | 215 | | | | 220 | | | | | | 225 | |
| 87 | cca | tat | gac | acc | ccc | gag | ccc | ggc | tac | atg | aat | aac | act | gtc | aac | acc | 836 |
| 88 | Pro | Tyr | Asp | Thr | Pro | Glu | Pro | Gly | Tyr | Met | Asn | Asn | Thr | Val | Asn | Thr | |
| 89 | | | | | 230 | | | | 235 | | | | | 240 | | | |
| 91 | atg | cgc | ctc | tgg | tct | gct | cgg | gca | cca | aat | gac | ttt | aac | ctc | aga | gac | 884 |
| 92 | Met | Arg | Leu | Trp | Ser | Ala | Arg | Ala | Pro | Asn | Asp | Phe | Asn | Leu | Arg | Asp | |
| 93 | | | | 245 | | | | 250 | | | | | 255 | | | | |
| 95 | ttt | aat | gtt | gga | gac | tac | att | cag | gct | gtg | ctg | gac | cga | aac | ctg | gcc | 932 |
| 96 | Phe | Asn | Val | Gly | Asp | Tyr | Ile | Gln | Ala | Val | Leu | Asp | Arg | Asn | Leu | Ala | |
| 97 | | | 260 | | | | | 265 | | | | | 270 | | | | |
| 99 | gag | aac | atc | tcc | cgg | gtc | ctc | tat | ccc | aat | gac | aat | ttt | ttt | gaa | ggg | 980 |
| 100 | Glu | Asn | Ile | Ser | Arg | Val | Leu | Tyr | Pro | Asn | Asp | Asn | Phe | Phe | Glu | Gly | |
| 101 | | 275 | | | | | 280 | | | | | | 285 | | | | |
| 103 | aag | gag | cta | aga | ttg | aag | cag | gaa | tac | ttt | gtg | gtg | gct | gca | acc | ttg | 1028 |
| 104 | Lys | Glu | Leu | Arg | Leu | Lys | Gln | Glu | Tyr | Phe | Val | Val | Ala | Ala | Thr | Leu | |
| 105 | 290 | | | | | 295 | | | | | 300 | | | | | 305 | |
| 107 | caa | gat | atc | atc | cgc | cgt | ttc | aaa | gcc | tcc | aag | ttt | ggc | tcc | acc | cgt | 1076 |
| 108 | Gln | Asp | Ile | Ile | Arg | Arg | Phe | Lys | Ala | Ser | Lys | Phe | Gly | Ser | Thr | Arg | |
| 109 | | | | | 310 | | | | 315 | | | | | 320 | | | |
| 111 | ggt | caa | gga | act | gtg | ttt | gat | gcc | ttc | ccg | gat | cag | gtg | gcc | atc | cag | 1124 |
| 112 | Gly | Gln | Gly | Thr | Val | Phe | Asp | Ala | Phe | Pro | Asp | Gln | Val | Ala | Ile | Gln | |
| 113 | | | | 325 | | | | | 330 | | | | | 335 | | | |
| 115 | ctg | aat | gat | act | cac | cct | cgc | atc | gcg | atc | cct | gag | ctg | atg | agg | att | 1172 |
| 116 | Leu | Asn | Asp | Thr | His | Pro | Arg | Ile | Ala | Ile | Pro | Glu | Leu | Met | Arg | Ile | |
| 117 | | | 340 | | | | | 345 | | | | | 350 | | | | |
| 119 | ttt | gtg | gat | att | gaa | aaa | ctg | ccc | tgg | tcc | aag | gca | tgg | gag | ctc | aac | 1220 |
| 120 | Phe | Val | Asp | Ile | Glu | Lys | Leu | Pro | Trp | Ser | Lys | Ala | Trp | Glu | Leu | Asn | |
| 121 | | 355 | | | | | 360 | | | | | | 365 | | | | |
| 123 | cag | aag | acc | ttc | gcc | tac | acc | aac | cac | aca | gtg | ctc | ccg | gaa | gcc | ctg | 1268 |
| 124 | Gln | Lys | Thr | Phe | Ala | Tyr | Thr | Asn | His | Thr | Val | Leu | Pro | Glu | Ala | Leu | |

RAW SEQUENCE LISTING

DATE: 01/27/2002

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TIME: 19:50:01

Input Set : A:\PTO.AMC.txt

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|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| 125 | 370 | | | | | 375 | | | | | | 380 | | | | 385 | |
| 127 | gag | cgc | tgg | ccc | gtg | gac | ctg | gtg | gag | aag | ctg | ctc | cct | cga | cat | ttg | 1316 |
| 128 | Glu | Arg | Trp | Pro | Val | Asp | Leu | Val | Glu | Lys | Leu | Leu | Pro | Arg | His | Leu | |
| 129 | | | | | 390 | | | | | 395 | | | | | 400 | | |
| 131 | gaa | atc | att | tat | gag | ata | aat | cag | aag | cat | tta | gat | aga | att | gtg | gcc | 1364 |
| 132 | Glu | Ile | Ile | Tyr | Glu | Ile | Asn | Gln | Lys | His | Leu | Asp | Arg | Ile | Val | Ala | |
| 133 | | | | 405 | | | | | 410 | | | | 415 | | | | |
| 135 | ttg | ttt | cct | aaa | gat | gtg | gac | cct | ctg | aga | agg | atg | tct | ctg | ata | gaa | 1412 |
| 136 | Leu | Phe | Pro | Lys | Asp | Val | Asp | Pro | Leu | Arg | Arg | Met | Ser | Leu | Ile | Glu | |
| 137 | | | 420 | | | | | 425 | | | | 430 | | | | | |
| 139 | gag | gaa | gga | agc | aaa | agg | atc | aac | atg | gcc | cat | ctc | tgc | att | gtc | ggt | 1460 |
| 140 | Glu | Glu | Gly | Ser | Lys | Arg | Ile | Asn | Met | Ala | His | Leu | Cys | Ile | Val | Gly | |
| 141 | | 435 | | | | | 440 | | | | 445 | | | | | | |
| 143 | tcc | cat | gct | gtg | aat | ggc | gtg | gct | aaa | atc | cac | tca | gac | atc | gtg | aag | 1508 |
| 144 | Ser | His | Ala | Val | Asn | Gly | Val | Ala | Lys | Ile | His | Ser | Asp | Ile | Val | Lys | |
| 145 | 450 | | | | 455 | | | | 460 | | | 465 | | | | | |
| 147 | act | aaa | gta | ttc | aag | gac | ttc | agt | gag | cta | gaa | cct | gac | aag | ttt | cag | 1556 |
| 148 | Thr | Lys | Val | Phe | Lys | Asp | Phe | Ser | Glu | Leu | Glu | Pro | Asp | Lys | Phe | Gln | |
| 149 | | | | 470 | | | | | 475 | | | 480 | | | | | |
| 151 | aat | aaa | acc | aat | ggg | atc | act | cca | agg | cgc | tgg | ctc | cta | ctc | tgc | aac | 1604 |
| 152 | Asn | Lys | Thr | Asn | Gly | Ile | Thr | Pro | Arg | Arg | Trp | Leu | Leu | Leu | Cys | Asn | |
| 153 | | | 485 | | | | | 490 | | | | 495 | | | | | |
| 155 | cca | gga | ctt | gca | gag | ctc | ata | gca | gag | aaa | att | gga | gaa | gac | tat | gtg | 1652 |
| 156 | Pro | Gly | Leu | Ala | Glu | Leu | Ile | Ala | Glu | Lys | Ile | Gly | Glu | Asp | Tyr | Val | |
| 157 | | 500 | | | | | 505 | | | | 510 | | | | | | |
| 159 | aaa | gac | ctg | agc | cag | ctg | acg | aag | ctc | cac | agc | ttc | ctg | ggt | gat | gat | 1700 |
| 160 | Lys | Asp | Leu | Ser | Gln | Leu | Thr | Lys | Leu | His | Ser | Phe | Leu | Gly | Asp | Asp | |
| 161 | | 515 | | | | 520 | | | | 525 | | | | | | | |
| 163 | gtc | ttc | ctc | cgg | gaa | ctc | gcc | aag | gtg | aag | cag | gag | aat | aag | ctg | aag | 1748 |
| 164 | Val | Phe | Leu | Arg | Glu | Leu | Ala | Lys | Val | Lys | Gln | Glu | Asn | Lys | Leu | Lys | |
| 165 | 530 | | | | 535 | | | | 540 | | | 545 | | | | | |
| 167 | ttt | tct | cag | ttc | ctg | gag | acg | gag | tac | aaa | gtg | aag | atc | aac | cca | tcc | 1796 |
| 168 | Phe | Ser | Gln | Phe | Leu | Glu | Thr | Glu | Tyr | Lys | Val | Lys | Ile | Asn | Pro | Ser | |
| 169 | | | | 550 | | | | 555 | | | 560 | | | | | | |
| 171 | tcc | atg | ttt | gat | gtc | cag | gtg | aag | agg | ata | cat | gag | tac | aag | cga | cag | 1844 |
| 172 | Ser | Met | Phe | Asp | Val | Gln | Val | Lys | Arg | Ile | His | Glu | Tyr | Lys | Arg | Gln | |
| 173 | | | 565 | | | | 570 | | | | 575 | | | | | | |
| 175 | ctc | ttg | aac | tgt | ctg | cat | gtg | atc | acg | atg | tac | aac | cgc | att | aag | aaa | 1892 |
| 176 | Leu | Leu | Asn | Cys | Leu | His | Val | Ile | Thr | Met | Tyr | Asn | Arg | Ile | Lys | Lys | |
| 177 | | 580 | | | | | 585 | | | | 590 | | | | | | |
| 179 | gac | cct | aag | aag | tta | ttc | gtg | cca | agg | aca | gtt | atc | att | ggt | ggt | aaa | 1940 |
| 180 | Asp | Pro | Lys | Lys | Leu | Phe | Val | Pro | Arg | Thr | Val | Ile | Ile | Gly | Gly | Lys | |
| 181 | | 595 | | | 600 | | | | 605 | | | | | | | | |
| 183 | gct | gcc | cca | gga | tat | cac | atg | gcc | aaa | atg | atc | ata | aag | ctg | atc | act | 1988 |
| 184 | Ala | Ala | Pro | Gly | Tyr | His | Met | Ala | Lys | Met | Ile | Ile | Lys | Leu | Ile | Thr | |
| 185 | 610 | | | | 615 | | | | 620 | | | 625 | | | | | |
| 187 | tca | gtg | gca | gat | gtg | gtg | aac | aat | gac | cct | atg | gtt | gga | agc | aag | ttg | 2036 |
| 188 | Ser | Val | Ala | Asp | Val | Val | Asn | Asn | Asp | Pro | Met | Val | Gly | Ser | Lys | Leu | |
| 189 | | | | 630 | | | | 635 | | | | 640 | | | | | |

RAW SEQUENCE LISTING

DATE: 01/27/2002

PATENT APPLICATION: US/10/019,470

TIME: 19:50:01

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01272002\J019470.raw

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191 aaa gtc atc ttc ttg gag aac tac aga gta tct ctt gct gaa aaa gtc      2084
192 Lys Val Ile Phe Leu Glu Asn Tyr Arg Val Ser Leu Ala Glu Lys Val
193          645          650          655
195 att cca gcc aca gat ctg tca gag cag att tcc act gca ggc acc gaa      2132
196 Ile Pro Ala Thr Asp Leu Ser Glu Gln Ile Ser Thr Ala Gly Thr Glu
197          660          665          670
199 gcc tcg ggg aca ggc aat atg aag ttc atg cta aat ggg gcc cta act      2180
200 Ala Ser Gly Thr Gly Asn Met Lys Phe Met Leu Asn Gly Ala Leu Thr
201          675          680          685
203 atc ggg acc atg gat ggg gcc aat gtg gaa atg gca gaa gaa gct ggg      2228
204 Ile Gly Thr Met Asp Gly Ala Asn Val Glu Met Ala Glu Glu Ala Gly
205 690          695          700          705
207 gaa gag aac ctg ttc atc ttt ggc atg agc ata gat gat gtg gct gct      2276
208 Glu Glu Asn Leu Phe Ile Phe Gly Met Ser Ile Asp Asp Val Ala Ala
209          710          715          720
211 ttg gac aag aaa ggg tac gag gca aaa gaa tac tat gag gca ctt cca      2324
212 Leu Asp Lys Lys Gly Tyr Glu Ala Lys Glu Tyr Tyr Glu Ala Leu Pro
213          725          730          735
215 gag ctg aag ctg gtc att gat caa att gac aat ggc ttt ttt tct ccc      2372
216 Glu Leu Lys Leu Val Ile Asp Gln Ile Asp Asn Gly Phe Phe Ser Pro
217          740          745          750
219 aag cag cct gac ctc ttc aaa gat atc atc aac atg cta ttt tat cat      2420
220 Lys Gln Pro Asp Leu Phe Lys Asp Ile Ile Asn Met Leu Phe Tyr His
221          755          760          765
223 gac agg ttt aaa gtc ttt gca gac tac gaa gcc tat gtc aag tgt caa      2468
224 Asp Arg Phe Lys Val Phe Ala Asp Tyr Glu Ala Tyr Val Lys Cys Gln
225 770          775          780          785
227 gat aaa gtg agt cag ctg tac atg aat cca aag gcc tgg aac aca atg      2516
228 Asp Lys Val Ser Gln Leu Tyr Met Asn Pro Lys Ala Trp Asn Thr Met
229          790          795          800
231 gta ctc aaa aac ata gct gcc tcg ggg aaa ttc tcc agt gac cga aca      2564
232 Val Leu Lys Asn Ile Ala Ala Ser Gly Lys Phe Ser Ser Asp Arg Thr
233          805          810          815
235 att aaa gaa tat gcc caa aac atc tgg aac gtg gaa cct tca gat cta      2612
236 Ile Lys Glu Tyr Ala Gln Asn Ile Trp Asn Val Glu Pro Ser Asp Leu
237          820          825          830
239 aag att tct cta tcc aat gaa tct aac aaa gtc aat gga aat tga      2657
240 Lys Ile Ser Leu Ser Asn Glu Ser Asn Lys Val Asn Gly Asn
241          835          840          845
243 actctacaat gtctctagaa aacatagctt cttactgaac ttgaacattt ttacaacatt      2717
245 cactggtttt tgttttgtag gctaataatc tataatagtt gagtatctct gggaatgggg      2777
247 agggaaatta tatgtaatag agcttaaaaa taaagtgtca atttccaagg a      2828
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251 <211> LENGTH: 21
252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: PCR Primer
258 <400> SEQUENCE: 2

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RAW SEQUENCE LISTING

DATE: 01/27/2002

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Input Set : A:\PTO.AMC.txt

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262 <210> SEQ ID NO: 3
263 <211> LENGTH: 21
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267 <220> FEATURE:
268 <223> OTHER INFORMATION: PCR Primer
270 <400> SEQUENCE: 3
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276 <212> TYPE: DNA
277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
280 <223> OTHER INFORMATION: PCR Probe
282 <400> SEQUENCE: 4
283 ctgtgatgag gccatttacc agcttgg 27
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287 <211> LENGTH: 19
288 <212> TYPE: DNA
289 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
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294 <400> SEQUENCE: 5
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298 <210> SEQ ID NO: 6
299 <211> LENGTH: 20
300 <212> TYPE: DNA
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
304 <223> OTHER INFORMATION: PCR Primer
306 <400> SEQUENCE: 6
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310 <210> SEQ ID NO: 7
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312 <212> TYPE: DNA
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: PCR Probe
318 <400> SEQUENCE: 7
319 caagcttccc gttctcagcc 20
322 <210> SEQ ID NO: 8
323 <211> LENGTH: 20
324 <212> TYPE: DNA
325 <213> ORGANISM: Artificial Sequence
327 <220> FEATURE:
328 <223> OTHER INFORMATION: Antisense Oligonucleotide
330 <400> SEQUENCE: 8
331 ccgccccgcc gcgccaggag 20

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/019,470

DATE: 01/27/2002

TIME: 19:50:02

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01272002\J019470.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date



PCT10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/019,470

DATE: 01/22/2002

TIME: 10:45:12

Input Set : A:\Sequence

Output Set: N:\CRF3\01182002\J019470.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Brett P. Monia
 4 Lex M. Cowser
 6 <120> TITLE OF INVENTION: ANTISENSE MODULATION OF LIVER GLYCOGEN PHOSPHORYLASE
 EXPRESSION
 8 <130> FILE REFERENCE: RTSP-0240
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/019,470
 C--> 10 <141> CURRENT FILING DATE: 2001-12-28
 10 <150> PRIOR APPLICATION NUMBER: US 09/357,071
 11 <151> PRIOR FILING DATE: 1999-07-19
 13 <160> NUMBER OF SEQ ID NOS: 47

ERRORED SEQUENCES

790 <210> SEQ ID NO: 47
 791 <211> LENGTH: 20
 792 <212> TYPE: DNA
 793 <213> ORGANISM: Artificial Sequence
 795 <220> FEATURE:
 796 <223> OTHER INFORMATION: Antisense Oligonucleotide
 798 <400> SEQUENCE: 47
 799 cccattccc agagatactc
 E--> 800 (1)
 E--> 803 (1)

20

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/019,470

DATE: 01/22/2002

TIME: 10:45:13

Input Set : A:\Sequence

Output Set: N:\CRF3\01182002\J019470.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:800 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:20 SEQ:47

M:254 Repeated in SeqNo=47